

VERSION DESCRIPTION DOCUMENT FOR THE CONSOLIDATED AGENCY PERSONNEL/PAYROLL SYSTEM

Release 4.1.1

PrISMS Contract

May 1999



National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

**VERSION DESCRIPTION DOCUMENT FOR THE
CONSOLIDATED AGENCY PERSONNEL/PAYROLL SYSTEM
RELEASE 4.1.1**

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

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RELEASE 4.1.1**

Approved by

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

May 1999

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1.0 INTRODUCTION

This Version Description Document (VDD) describes the changes and installation procedures for this release of the Consolidated Agency Personnel/Payroll System (CAPPS). This section identifies the release, describes its purpose, defines its scope, and identifies its contact points.

1.1 IDENTIFICATION OF THE RELEASE

This software release is identified as CAPPS, Release 4.1.1 and has an effective release date of May 10, 1999. Support of the previous release expires 30 days after the scheduled release date. This release must be implemented before 05/14/99.

1.2 PURPOSE OF THE RELEASE

This release implements modifications necessitated by the following Change Control Request (CCRs):

99000001 (CR) New FEGLI Requirements. Incorporate new Federal Regulation changes in Public Law 105-311.

1.3 SCOPE

This release provides the functional and technical user of CAPPS with information regarding the contents, status, and structure of Release 4.1.1, including the following:

- Changes implemented since release 4.1.
- Validation procedures to ensure the reliability of release changes.
- References to other documentation affected by this release.
- Detailed software installation instructions.

No waivers are associated with this release.

1.4 CONTACT POINTS

Sustaining Engineering for CAPPS is provided through the Consolidation Center (CC) located at Marshall Space Flight Center (MSFC). Questions regarding the

function and/or the technical aspects as well as the installation of this release should be directed:

The NACC Technical Services Center (Use following Key Words:
SESAAS & CAPPS)

Telephone: (256) 544-8441

E-Mail: jacky.davis@msfc.nasa.gov

FAX: (256) 544-1836

2.0 FUNCTIONAL INFORMATION

This section includes details regarding functional changes, functional interfaces, critical issues, affected documents, and application system administration.

2.1 FUNCTIONAL CHANGES

Please refer to Appendix C, Functional Change Validation Procedures, for a description of all functional changes related to this release. Appendix D, Installation Instructions, describes all Software PREDICT and SYSERR changes related to this release.

2.2 FUNCTIONAL INTERFACES

This release is dependent on NASA Personnel/Payroll System (NPPS) interface changes installed as part of NPPS Release 7.2.2.

2.3 CRITICAL ISSUES

This release must be installed with the standard environment for Natural and ADABAS and installed after the installation of NPPS Release 7.2.2.

2.4 AFFECTED DOCUMENTS

The following documents are affected by this release:

- C-STS-8 CAPPS System/Software Requirements Document (SRS)

The above documentation will be distributed under a separate cover dated May 1999, but is effective only upon installation and operational use of this release.

2.5 APPLICATION SYSTEM ADMINISTRATION

Application system administration changes associated with this release are discussed in Appendix D, Installation Instructions.

3.0 TECHNICAL INFORMATION

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration activities.

3.1 TECHNICAL SYSTEM INTERFACES

This section describes changes to the CAPPS interfaces with NPPS and Office of Personnel Management (OPM).

3.1.1 NPPS Interface

The following field sizes in the Status and Transaction file have been modified to maintain data integrity between NPPS and CAPPS: FEGLI.

3.1.2 OPM Interface

The following field sizes in the Status file have been modified to maintain data integrity between CAPPS and OPM:FEGLI.

3.2 DATA DICTIONARY CHANGES

Refer to Appendix D, Section 4.0, for the data dictionary changes in this release.

3.3 SOFTWARE OBJECT CHANGES

Modules affected by this release are included in Appendix D, Section 2.2.

3.4 DATABASE ADMINISTRATION

This section describes the database administration activities for installation of this release.

3.4.1 Release Dataset Names

Refer to Appendix D, Introduction Section, for the release dataset names.

3.4.2 Inventory of Objects

Refer to Appendix D, Paragraph 2.1, for an inventory of Natural object types.

3.4.3 Storage Considerations

The changes represented by this release should not affect storage requirements.

3.4.4 Installation Procedures

Refer to Appendix D, Installation Instructions for CAPPS Software Release 4.1.1 for detailed software installation procedures.

3.5 OPERATIONAL PREPARATION

Refer to the procedure described in Section 3.4.4 for assistance in preparing for proper installation and operational use of this release.

4.0 KNOWN AND OPEN PROBLEMS

The are no known or open problems related to this release.

APPENDIX A

ABBREVIATIONS AND ACRONYMS

ABBREVIATIONS AND ACRONYMS

BJS	Batch Job Submitter
CAPPS	Consolidated Agency Personnel/Payroll System
CC	Consolidation Center
CCR	Change Control Request
CR	Change Request
DR	Discrepancy Report
FAX	Electronic Facsimile Transmission
HQ	NASA Headquarters
ICD	Interface Control Document
JCL	Job Control Language
MSFC	Marshall Space Flight Center
NASA	National Aeronautics and Space Administration
NDM	Network Data Mover
NPPS	NASA Personnel/Payroll System
OPM	Office of Personnel Management
SESAAS	Sustaining Engineering Services for Agency-wide Administrative Systems
SRS	System/Software Requirements Specification
UOG	User and Operations Guide
VDD	Version Description Document

APPENDIX B

GLOSSARY

GLOSSARY

Database Administration

Responsibility for maintaining the physical database environment.

Implementation

The process by which a NASA site installs a software release and places it into operational use.

Operational Preparation

Preparation by a NASA site for installation and use of an application release.

System Administration

Responsibility for administrative functions such as application security and table data maintenance associated with an application.

APPENDIX C
FUNCTIONAL CHANGE VALIDATION
PROCEDURES

FUNCTIONAL CHANGE VALIDATION PROCEDURES

Index of validation procedures for changes in this release.

Section	CCR	Title
1.0	99000001	Incorporate new Federal Regulation changes in Public Law 105-311.

Details for the validation procedures are listed below:

1.0 CCR Number 99000001 New FEGLI Requirements.

FEGLI code is changing from a one byte(A1) field to a two byte (A2) field.

Description of Enhancement

Files have been modified to accept the field sizes as defined in NPPS.
Affected files are:

CAPPS-DB-STS-PRVS-YR-PHY-FILE	File	72
CAPPS-DB-STS-HSTRY-PHY-FILE		73
CAPPS-DB-TX-HSTRY-PHY-FILE		74
CAPPS-DB-SPRTD-EMPL-PHY-FILE		75
CAPPS-ARCHV-STS-HSTRY-PHY-FILE		105
CAPPS-INPT-PHY-FILE		106
CAPPS-OPM-PHY-FILE		107
CAPPS-ARCHV-TX-HSTRY-PHY-FILE		111
CAPPS-DB-STS-CRNT-PHY-FILE		113
CAPPS-DB-TX-CRNT-YR-PHY-FILE		114

Userviews:

CAPPS-DB-STS-HSTRY-RV1-FILE	U	73
CAPPS-DB-STS-HSTRY-RV2-FILE		73
CAPPS-INPT-STS-FILE		106
CAPPS-INPT-TX-FILE		106
CAPPS-OPM-STS-FILE		107

Functional Impact

There is no functional impact as a result of this CCR.

• Validation Procedures (MONTHLY)

1. Log on to CAPPS.
2. Enter COMMAND D for "BATCH JOB SUBMITTER". Press <ENTER>.
3. Enter COMMAND B for "JOB SCHEDULING". Press <ENTER>.
4. Enter COMMAND B for "SCHEDULE PROCESS". Press <ENTER>.
5. Enter OPTION S by JOB TITLE "ACCEPT INPUT FROM NDM",
6. JOB NUMBER "CP00001" to schedule CP00001. Press <ENTER>.
7. Enter COMMAND M for "MONTHLY". Press <ENTER>.

8. A confirmation window displays updated PRCS FLAGS. Default is "Y". Press <ENTER>.
 9. Job Submittal window is displayed. Press <ENTER>.
 10. A window shows that CP00001 has been scheduled and shows its Job Number for this execution. Press <ENTER>.
 11. Press <PF3> to return to "JOB SCHEDULING".
 12. Enter COMMAND A for "JOB QUEUE". When Job CP00001 completes enter OPTION L to check Job Log Messages. Scroll <PF8> through Log.
- Press <PF3> to return to "JOB QUEUE".

Verify that the job has successfully processed.

1. Repeat steps 1-3 if needed to return to "JOB SCHEDULING".
2. Enter COMMAND B for "SCHEDULE PROCESS".
3. Enter OPTION S by JOB TITLE "Process Files", JOB NUMBER "CP00002" to schedule the job. Press <ENTER>. A window shows the schedule type and reporting period dates that CP00002 will process. "Continue?" is defaulted to "Y". Press <ENTER>.
4. Job Submittal window is displayed. Press <ENTER>.
5. A window shows that CP00002 has been scheduled and shows its job number for this execution. Press <ENTER>.
6. Press <PF3> to return to "JOB SCHEDULING".
7. Enter COMMAND A for "JOB QUEUE".
8. When CP00002 completes, enter OPTION L for the job number to check Job Log Messages. Scroll <PF8> Log.
9. Press <PF3> to return to "JOB QUEUE".

Verify that the job has successfully processed.

• **Validation Procedures (PRINT ALL BATCH REPORTS)**

1. Log on to CAPPS.
 2. Enter COMMAND D for "BATCH JOB SUBMITTER". Press <ENTER>.
 3. Enter COMMAND B for "JOB SCHEDULING". Press <ENTER>.
 4. Enter COMMAND C for "SCHEDULE REPORT". Press <ENTER>.
 5. Enter OPTION S by JOB TITLE "PRINT ALL BATCH REPORTS", JOB NUMBER "CR0000A" to schedule. Press <ENTER>.
 6. Accept default settings, All report indicators = 'Y'. Press <ENTER>.
 7. Job Submittal window is displayed. Press <ENTER>.
 8. Press <PF3> to return to "JOB SCHEDULING".
 9. Enter COMMAND A for "JOB QUEUE". When Job CR0000A completes enter OPTION L to check Job Log Messages. Scroll <PF8> through Log.
- Press <PF3> to return to "JOB QUEUE".

Verify that the job has successfully processed and reports contain data.

• **Validation Procedures (PAY PERIOD)**

1. Log on to CAPPS.

2. Enter COMMAND D for "BATCH JOB SUBMITTER". Press <ENTER>.
3. Enter COMMAND B for "JOB SCHEDULING". Press <ENTER>.
4. Enter COMMAND B for "SCHEDULE PROCESS". Press <ENTER>.
5. Enter OPTION S by JOB TITLE "ACCEPT INPUT FROM NDM", JOB NUMBER "CP00001" to schedule CP00001. Press <ENTER>.
6. Enter COMMAND P for "PAY PERIOD". Press <ENTER>.
7. The "SCHEDULE CP00001" screen shows FILE TYPEs = ACT, STS and TX and all PRCS FLAGs = "Y". Press <ENTER>.
8. A confirmation window displays updated PRCS FLAGs. Default is "Y". Press <ENTER>.
9. Job Submittal window is displayed. Press <ENTER>.
10. A window shows that CP00001 has been scheduled and shows its Job Number for this execution. Press <ENTER>.
11. Press <PF3> to return to "JOB SCHEDULING".
12. Enter COMMAND A for "JOB QUEUE". When Job CP00001 completes enter OPTION L to check Job Log Messages. Scroll <PF8> through Log. Press <PF3> to return to "JOB QUEUE".

Verify that the job has successfully processed.

13. Repeat steps 1-3 if needed to return to "JOB SCHEDULING".
14. Enter COMMAND B for "SCHEDULE PROCESS".
15. Enter OPTION S by JOB TITLE "Process Files", JOB NUMBER "CP00002" to schedule the job. Press <ENTER>. A window shows the schedule type and reporting period dates that CP00002 will process. "Continue?" is defaulted to "Y". Press <ENTER>.
16. Job Submittal window is displayed. Press <ENTER>.
17. A window shows that CP00002 has been scheduled and shows its job number for this execution. Press <ENTER>.
18. Press <PF3> to return to "JOB SCHEDULING".
19. Enter COMMAND A for "JOB QUEUE".
20. When CP00002 completes, enter OPTION L for the job number to check Job Log Messages. Scroll <PF8> Log.
21. Press <PF3> to return to "JOB QUEUE".

Verify that the job has successfully processed.

• **Validation Procedures (PAY PERIOD)**

1. Log on to CAPPS.
2. Enter COMMAND D for "BATCH JOB SUBMITTER". Press <ENTER>.
3. Enter COMMAND B for "JOB SCHEDULING". Press <ENTER>.
4. Enter COMMAND B for "SCHEDULE PROCESS". Press <ENTER>.
5. Enter OPTION S by JOB TITLE "ACCEPT INPUT FROM NDM",
6. JOB NUMBER "CP00001" to schedule CP00001. Press <ENTER>.
7. Enter COMMAND P for "PAY PERIOD". Press <ENTER>.
8. The "SCHEDULE CP00001" screen shows FILE TYPEs = ACT,
9. STS and TX and all PRCS FLAGs = "Y". Press <ENTER>.
10. A confirmation window displays updated PRCS FLAGs. Default is "Y". Press <ENTER>.
11. Job Submittal window is displayed. Press <ENTER>.

12. A window shows that CP00001 has been scheduled and shows its Job Number for this execution. Press <ENTER>.
13. Press <PF3> to return to "JOB SCHEDULING".
14. Enter COMMAND A for "JOB QUEUE". When Job CP00001 completes enter OPTION L to check Job Log Messages. Scroll <PF8> through Log.
15. Press <PF3> to return to "JOB QUEUE".
16. Verify that the job has successfully processed.
17. Repeat steps 1-3 if needed to return to "JOB SCHEDULING".
18. Enter COMMAND B for "SCHEDULE PROCESS".
19. Enter OPTION S by JOB TITLE "Process Files", JOB NUMBER "CP00002" to schedule the job. Press <ENTER>. A window shows the schedule type and reporting period dates that CP00002 will process. "Continue?" is defaulted to "Y". Press <ENTER>.
20. Job Submittal window is displayed. Press <ENTER>.
21. A window shows that CP00002 has been scheduled and shows its job number for this execution. Press <ENTER>.
22. Press <PF3> to return to "JOB SCHEDULING".
23. Enter COMMAND A for "JOB QUEUE".
24. When CP00002 completes, enter OPTION L for the job number to check Job Log Messages. Scroll <PF8> Log.
25. Press <PF3> to return to "JOB QUEUE".

Verify that the job has successfully processed

- **Validation Procedures (MONTHLY)**

10. Log on to CAPPS.
 11. Enter COMMAND D for "BATCH JOB SUBMITTER". Press <ENTER>.
 12. Enter COMMAND B for "JOB SCHEDULING". Press <ENTER>.
 13. Enter COMMAND B for "SCHEDULE PROCESS". Press <ENTER>.
 14. Enter OPTION S by JOB TITLE "ACCEPT INPUT FROM NDM", JOB NUMBER "CP00001" to schedule CP00001. Press <ENTER>.
 15. Enter COMMAND M for "MONTHLY". Press <ENTER>.
 16. A confirmation window displays updated PRCS FLAGS. Default is "Y". Press <ENTER>.
 17. Job Submittal window is displayed. Press <ENTER>.
 18. A window shows that CP00001 has been scheduled and shows its Job Number for this execution. Press <ENTER>.
 19. Press <PF3> to return to "JOB SCHEDULING".
 20. Enter COMMAND A for "JOB QUEUE". When Job CP00001 completes enter OPTION L to check Job Log Messages. Scroll <PF8> through Log.
- Press <PF3> to return to "JOB QUEUE".

Verify that the job has successfully processed.

21. Repeat steps 1-3 if needed to return to "JOB SCHEDULING".
22. Enter COMMAND B for "SCHEDULE PROCESS".
23. Enter OPTION S by JOB TITLE "Process Files", JOB NUMBER "CP00002" to schedule the job. Press <ENTER>. A window shows

- the schedule type and reporting period dates that CP00002 will process. "Continue?" is defaulted to "Y". Press <ENTER>.
24. Job Submittal window is displayed. Press <ENTER>.
 25. A window shows that CP00002 has been scheduled and shows its job number for this execution. Press <ENTER>.
 26. Press <PF3> to return to "JOB SCHEDULING".
 27. Enter COMMAND A for "JOB QUEUE".
 28. When CP00002 completes, enter OPTION L for the job number to check Job Log Messages. Scroll <PF8> Log.
 29. Press <PF3> to return to "JOB QUEUE".

Verify that the job has successfully processed.

- **Validation Procedures (PRINT ALL BATCH REPORTS)**

10. Log on to CAPPS.
 11. Enter COMMAND D for "BATCH JOB SUBMITTER". Press <ENTER>.
 12. Enter COMMAND B for "JOB SCHEDULING". Press <ENTER>.
 13. Enter COMMAND C for "SCHEDULE REPORT". Press <ENTER>.
 14. Enter OPTION S by JOB TITLE "PRINT ALL BATCH REPORTS", JOB NUMBER "CR0000A" to schedule. Press <ENTER>.
 15. Accept default settings, All report indicators = 'Y'. Press <ENTER>.
 16. Job Submittal window is displayed. Press <ENTER>.
 17. Press <PF3> to return to "JOB SCHEDULING".
 18. Enter COMMAND A for "JOB QUEUE". When Job CR0000A completes enter OPTION L to check Job Log Messages. Scroll <PF8> through Log.
- Press <PF3> to return to "JOB QUEUE".

Verify that the job has successfully processed and reports contain data.

- **Validation Procedures (QUARTERLY)**

1. Log on to CAPPS.
 2. Enter COMMAND D for "BATCH JOB SUBMITTER". Press <ENTER>.
 3. Enter COMMAND B for "JOB SCHEDULING". Press <ENTER>.
 4. Enter COMMAND B for "SCHEDULE PROCESS". Press <ENTER>.
 5. Enter OPTION S by JOB TITLE "ACCEPT INPUT FROM NDM", JOB NUMBER "CP00001" to schedule CP00001. Press <ENTER>.
 6. Enter COMMAND Q for "QUARTERLY". Press <ENTER>.
- The "SCHEDULE CP00001" screen shows the current reporting and previous reporting periods. Press <ENTER>.
7. Job Submittal window is displayed. Press <ENTER>.
 8. A window shows that CP00001 has been scheduled and shows its Job Number for this execution. Press <ENTER>.
 9. Press <PF3> to return to "JOB SCHEDULING".
 10. Enter COMMAND A for "JOB QUEUE". When Job CP00001 completes, enter OPTION L to check Job Log Messages. Scroll <PF8> through Log.
 11. Press <PF3> to return to "JOB QUEUE".
 12. Press <PF3> to return to "SCHEDULE PROCESS".

13. Enter COMMAND B for "SCHEDULE PROCESS".
14. Enter OPTION S by JOB TITLE "Process Files", JOB NUMBER "CP00002" to schedule the job. Press <ENTER>. A window shows the schedule type and reporting period dates that CP00002 will process. "Continue?" is defaulted to "Y". Press <ENTER>.
15. Job Submittal window is displayed. Press <ENTER>.
16. A window shows that CP00002 has been scheduled and shows its job number for this execution. Press <ENTER>.
17. Press <PF3> to return to "JOB SCHEDULING".
18. Enter COMMAND A for "JOB QUEUE".
19. When CP00002 completes, enter OPTION L for the job number to check Job Log Messages. Scroll <PF8> Log.
20. Press <PF3> to return to "JOB QUEUE".

Verify that the job has successfully processed.

- **Validation Procedures (MONTHLY)**

1. Log on to CAPPS.
2. Enter COMMAND D for "BATCH JOB SUBMITTER". Press <ENTER>.
3. Enter COMMAND B for "JOB SCHEDULING". Press <ENTER>.
4. Enter COMMAND B for "SCHEDULE PROCESS". Press <ENTER>.
5. Enter OPTION S by JOB TITLE "ACCEPT INPUT FROM NDM",
6. JOB NUMBER "CP00001" to schedule CP00001. Press <ENTER>.
7. Enter COMMAND M for "MONTHLY". Press <ENTER>.
8. A confirmation window displays updated PRCS FLAGS. Default is "Y". Press <ENTER>.
9. Job Submittal window is displayed. Press <ENTER>.
10. A window shows that CP00001 has been scheduled and shows its Job Number for this execution. Press <ENTER>.
11. Press <PF3> to return to "JOB SCHEDULING".
12. Enter COMMAND A for "JOB QUEUE". When Job CP00001 completes enter OPTION L to check Job Log Messages. Scroll <PF8> through Log.
13. Press <PF3> to return to "JOB QUEUE".
14. Verify that the job has successfully processed.
15. Repeat steps 1-3 if needed to return to "JOB SCHEDULING".
16. Enter COMMAND B for "SCHEDULE PROCESS".
17. Enter OPTION S by JOB TITLE "Process Files", JOB NUMBER "CP00002" to schedule the job. Press <ENTER>. A window shows the schedule type and reporting period dates that CP00002 will process. "Continue?" is defaulted to "Y". Press <ENTER>.
18. Job Submittal window is displayed. Press <ENTER>.
19. A window shows that CP00002 has been scheduled and shows its job number for this execution. Press <ENTER>.
20. Press <PF3> to return to "JOB SCHEDULING".
21. Enter COMMAND A for "JOB QUEUE".
22. When CP00002 completes, enter OPTION L for the job number to check Job Log Messages. Scroll <PF8> Log.
23. Press <PF3> to return to "JOB QUEUE".

Verify that the job has successfully processed.

- **Validation Procedures (QUARTERLY)**

1. Log on to CAPPS.
2. Enter COMMAND D for "BATCH JOB SUBMITTER". Press <ENTER>.
3. Enter COMMAND B for "JOB SCHEDULING". Press <ENTER>.
4. Enter COMMAND B for "SCHEDULE PROCESS". Press <ENTER>.
5. Enter OPTION S by JOB TITLE "ACCEPT INPUT FROM NDM",
6. JOB NUMBER "CP00001" to schedule CP00001. Press <ENTER>.
7. Enter COMMAND Q for "QUARTERLY". Press <ENTER>.
8. The "SCHEDULE CP00001" screen shows the current reporting and previous reporting periods. Press <ENTER>.
9. Job Submittal window is displayed. Press <ENTER>.
10. A window shows that CP00001 has been scheduled and shows its Job Number for this execution. Press <ENTER>.
11. Press <PF3> to return to "JOB SCHEDULING".
12. Enter COMMAND A for "JOB QUEUE". When Job CP00001 completes, enter OPTION L to check Job Log Messages. Scroll <PF8> through Log.
13. Press <PF3> to return to "JOB QUEUE".
14. Press <PF3> to return to "SCHEDULE PROCESS".
15. Enter COMMAND B for "SCHEDULE PROCESS".
16. Enter OPTION S by JOB TITLE "Process Files", JOB NUMBER "CP00002" to schedule the job. Press <ENTER>. A window shows the schedule type and reporting period dates that CP00002 will process. "Continue?" is defaulted to "Y". Press <ENTER>.
17. Job Submittal window is displayed. Press <ENTER>.
18. A window shows that CP00002 has been scheduled and shows its job number for this execution. Press <ENTER>.
19. Press <PF3> to return to "JOB SCHEDULING".
20. Enter COMMAND A for "JOB QUEUE".
21. When CP00002 completes, enter OPTION L for the job number to check Job Log Messages. Scroll <PF8> Log.
22. Press <PF3> to return to "JOB QUEUE".

Verify that the job has successfully processed

- **Validation Procedures (FISCAL YEAR)**

1. Log on to CAPPS.
2. Enter COMMAND D for "BATCH JOB SUBMITTER". Press <ENTER>.
3. Enter COMMAND B for "JOB SCHEDULING". Press <ENTER>.
4. Enter COMMAND B for "SCHEDULE PROCESS". Press <ENTER>.
5. Enter OPTION S by JOB TITLE "ACCEPT INPUT FROM NDM",
6. JOB NUMBER "CP00001" to schedule CP00001. Press <ENTER>.
7. Enter COMMAND E for "FISCAL YEAR END". Press <ENTER>.
8. The "SCHEDULE CP00001" screen shows the current reporting and previous reporting periods. Press <ENTER>.
9. Job Submittal window is displayed. Press <ENTER>.
10. A window shows that CP00001 has been scheduled and shows its Job Number for this execution. Press <ENTER>.

11. Press <PF3> to return to "JOB SCHEDULING".
12. Enter COMMAND A for "JOB QUEUE". When Job CP00001 completes, enter OPTION L to check Job Log Messages. Scroll <PF8> through Log.
13. Press <PF3> to return to "JOB QUEUE".
14. Press <PF3> to return to "SCHEDULE PROCESS".
15. Enter COMMAND B for "SCHEDULE PROCESS".
16. Enter OPTION S by JOB TITLE "Process Files", JOB NUMBER "CP00002" to schedule the job. Press <ENTER>. A window shows the schedule type and reporting period dates that CP00002 will process. "Continue?" is defaulted to "Y". Press <ENTER>.
17. Job Submittal window is displayed. Press <ENTER>.
18. A window shows that CP00002 has been scheduled and shows its job number for this execution. Press <ENTER>.
19. Press <PF3> to return to "JOB SCHEDULING".
20. Enter COMMAND A for "JOB QUEUE".
21. When CP00002 completes, enter OPTION L for the job number to check Job Log Messages. Scroll <PF8> Log.
22. Press <PF3> to return to "JOB QUEUE".

Verify that the job has successfully processed.

- **Validation Procedures (PRINT ALL BATCH REPORTS)**

1. Log on to CAPPS.
2. Enter COMMAND D for "BATCH JOB SUBMITTER". Press <ENTER>.
3. Enter COMMAND B for "JOB SCHEDULING". Press <ENTER>.
4. Enter COMMAND C for "SCHEDULE REPORT". Press <ENTER>.
5. Enter OPTION S by JOB TITLE "PRINT ALL BATCH REPORTS",
6. JOB NUMBER "CR0000A" to schedule. Press <ENTER>.
7. Accept default settings, All report indicators = 'Y'. Press <ENTER>.
8. Job Submittal window is displayed. Press <ENTER>.
9. Press <PF3> to return to "JOB SCHEDULING".
10. Enter COMMAND A for "JOB QUEUE". When Job CR0000A completes enter OPTION L to check Job Log Messages. Scroll <PF8> through Log.
11. Press <PF3> to return to "JOB QUEUE".

Verify that the job has successfully processed and reports contain data.

APPENDIX D
INSTALLATION INSTRUCTIONS
FOR CAPPS SOFTWARE RELEASE 4.1.1

INSTALLATION INSTRUCTIONS AND CHECKLIST FOR CAPPS SOFTWARE RELEASE 4.1.1

Introduction

Release information:

System Name: CAPPS
Release Number: 4.1.1
Release Date: May 10, 1999
Effective Date: May 10, 1999
Release Implementation Date: This release must be implemented before 05/14/99.

The following datasets are located on the Central Distribution Facility as data sets.

- AIMS.CAPPS.PROD.REL411.REL0599.DOC
- AIMS.CAPPS.PROD.REL411.REL0599.PRD
- AIMS.CAPPS.PROD.REL411.REL0599.SRC

Person to notify in case of installation problems:

Jacky Davis	(256) 544-8441
Rick Bishop	(256) 544-5352
FAX Number	(256) 544-1836

Installation Sequence

The sequence in which the installation of this release should occur is provided in the following list. A checklist is provided in Section 9.0 to assist in tracking the installation of this release.

- 1.0 Back Up Existing Data
- 2.0 Copy Source/Object Code
- 3.0 Pre-Predict Data Conversion
- 4.0 Install Predict
- 5.0 Catalog Source Code
- 6.0 Post-Predict Data Conversion
- 7.0 Perform Release-Specific Procedures
- 8.0 Local JCL Mods
- 9.0 Installation Checklist

1.0 Back Up Existing Data

It is advisable to back up all CAPPS files as a precautionary measure prior to installation.

2.0 Copy Source/Object Code

2.1 Copy Source Code

Load the CAPPS source library from dataset AIMS.CAPPS.PROD.REL411.REL0599.SRC. The source programs were unloaded using the Natural utility NATUNLD. The programs will be loaded to the application library CAPPS, replacing any existing programs of the same name. The source module counts included in this release are listed below:

Natural Source Modules by Type	Count
GLOBAL DATA AREA	0
LOCAL/PARAM DATA AREA	17
MAPS	0
HELP ROUTINES	0
SUBROUTINES	0
SUBPROGRAMS	0
PROGRAMS	4
COPYCODE	0
TEXT	0
PROCESS	0
MISCELLANEOUS OBJECTS	0
Total:	21

2.2 LIST OF SOURCE CODE MODIFICATIONS

The following are the modules modified.

Modified Modules

CAPLHTX1	CAPPS-DB-TX-HSTRY-PHY-FILE Local	(L)
CAPLHTX2	CAPPS-DB-TX-HSTRY-PHY-FILE Local	(L)
CAPL06T0	CAPPS-INPT-TX-FILE Local	(L)
CAPLSTCR	CAPPS-DB-STS-CRNT-PHY-FILE Local	(L)
CAPLSTHS	CAPPS-DB-STS-HSTRY-PHY-FILE Local	(L)
CAPLSTPR	CAPPS-DB-STS-PRVS-YR-PHY-FILE Local	(L)
CAPLTXCR	CAPPS-DB-TX-CRNT-YR-PHY-FILE Local	(L)
CAPLTXHS	CAPPS-DB-TX-HSTRY-PHY-FILE Local	(L)
CAPLTXSP	CAPPS-DB-SPRTD-EMPL-PHY-FILE Local	(L)
CAPL0010	CAPPS-ARCHV-STS-HSTRY-PHY-FILE Local	(L)
CAPL0012	CAPPS-ARCHV-STS-HSTRY-PHY-FILE Local	(L)
CAPL06S0	CAPPS-INPT-STS-FILE Local	(L)
CAPL06T1	CAPPS-INPT-TX-FILE Local	(L)
CAPUL101	CAPPS-OPM-PHY-FILE Local	(L)
CAPUL102	CAPPS-33-OPM-WORKFILE Local	(L)
CAPUL201	CAPPS-33-OPM-WORKFILE Local	(L)
CAPUL202	CAPPS-33-OPM-VIEW Local	(L)
CAPP1110	Store CAPPS.TX.* data on the CAPPS-INPT-TX-FILE	(P)
CAPP1120	Store CAPPS.STS.* data on the CAPPS-INPT-STS-FILE	(P)
CAPP3210	Create the OPM status extract file	(P)
CAPULIFE	Tool to update the expanded FEGLI code from a One character code into a two character code	(P)

2.3 Copy Object Modules

Not applicable with this release.

3.0 Pre-Predict Data Conversion

Not applicable with this release.

4.0 Install Predict

4.1 Data Dictionary Changes

This release will include the new enhancements for version 4.1.1. Details for changes in this release can be found under paragraph 4.1.3 Physical File Changes or by performing Predict reporting on the keyword CAPPS-4.1.1.

Use SYSDICBE to load the PREDICT modifications from the dataset AIMS.CAPPS.PROD.REL411.REL0599.PRD.

The following CAPPS DDMs should be generated after the PREDICT load is completed.

CAPPS-ARCHV-STS-HSTRY-PHY-FILE
CAPPS-ARCHV-TX-HSTRY-PHY-FILE
CAPPS-DB-SPRTD-EMPL-PHY-FILE
CAPPS-DB-STS-CRNT-PHY-FILE
CAPPS-DB-STS-HSTRY-PHY-FILE
CAPPS-DB-STS-HSTRY-RV1-FILE
CAPPS-DB-STS-HSTRY-RV2-FILE
CAPPS-DB-STS-PRVS-YR-PHY-FILE
CAPPS-DB-TX-CRNT-YR-PHY-FILE
CAPPS-DB-TX-HSTRY-PHY-FILE
CAPPS-INPT-PHY-FILE
CAPPS-INPT-STS-FILE
CAPPS-INPT-TX-FILE
CAPPS-OPM-PHY-FILE
CAPPS-OPM-STS-FILE

4.1.1 Inventory of Objects

The object types and inventory listed below represent a comprehensive count of the Predict object modules for this release.

PREDICT Objects by Type:

Keyword	-	1
Standard Files	-	1
ADABAS Files and Views	-	21

4.1.2 Storage Considerations

Not applicable with this release.

4.1.3 Physical File Changes

Change field length for the following field:

```
CAPPS-ARCHV-STS-HSTRY-PHY-FILE      File # 105
      Ty L Field ID                      F Length  Occ  D U DB S
      *- - - - -                      *- - - - -  - - - - * * - - *
            2 FEGLI                      A      2.0                EE N
```

ADADBS CHANGE FILE=105,FIELD=EE,LENGTH=2

```
CAPPS-ARCHV-TX-HSTRY-PHY-FILE      File # 111
      Ty L Field ID                      F Length  Occ  D U DB S
      *- - - - -                      *- - - - -  - - - - * * - - *
            2 FEGLI                      A      2.0                EE N
```

ADADBS CHANGE FILE=111,FIELD=EE,LENGTH=2

```
CAPPS-DB-SPRTD-EMPL-PHY-FILE      File # 075
      Ty L Field ID                      F Length  Occ  D U DB S
      *- - - - -                      *- - - - -  - - - - * * - - *
            2 FEGLI                      A      2.0                EE N
```

ADADBS CHANGE FILE=075,FIELD=EE,LENGTH=2

```
CAPPS-DB-STS-CRNT-PHY-FILE      File # 113
      Ty L Field ID                      F Length  Occ  D U DB S
      *- - - - -                      *- - - - -  - - - - * * - - *
            2 FEGLI                      A      2.0                EE N
```

ADADBS CHANGE FILE=113,FIELD=EE,LENGTH=2

```
CAPPS-DB-STS-HSTRY-PHY-FILE      File # 073
      Ty L Field ID                      F Length  Occ  D U DB S
      *- - - - -                      *- - - - -  - - - - * * - - *
            2 FEGLI                      A      2.0                EE N
```

ADADBS CHANGE FILE=073,FIELD=EE,LENGTH=2

```
CAPPS-DB-STS-PRVS-YR-PHY-FILE      File # 072
      Ty L Field ID                      F Length  Occ  D U DB S
```

*- - - - -	*- - - - -	* * - - *
2 FEGLI	A 2.0	EE N

ADADBS CHANGE FILE=072,FIELD=EE,LENGTH=2

CAPPS-DB-TX-CRNT-YR-PHY-FILE	File # 114				
Ty L Field ID	F Length	Occ	D U DB S		
*- - - - -	*- - - - -	- - - -	* * - - *		
2 FEGLI	A 2.0		EE N		

ADADBS CHANGE FILE=114,FIELD=EE,LENGTH=2

CAPPS-DB-TX-HSTRY-PHY-FILE	File # 074				
Ty L Field ID	F Length	Occ	D U DB S		
*- - - - -	*- - - - -	- - - -	* * - - *		
2 FEGLI	A 2.0		EE N		

ADADBS CHANGE FILE=074,FIELD=EE,LENGTH=2

CAPPS-INPT-PHY-FILE	File # 106				
Ty L Field ID	F Length	Occ	D U DB S		
*- - - - -	*- - - - -	- - - -	* * - - *		
2 FEGLI	A 2.0		EE N		

ADADBS CHANGE FILE=106,FIELD=EE,LENGTH=2

CAPPS-OPM-PHY-FILE	File # 107				
Ty L Field ID	F Length	Occ	D U DB S		
*- - - - -	*- - - - -	- - - -	* * - - *		
2 FEGLI	A 2.0		B2		

ADADBS CHANGE FILE=107,FIELD=B2,LENGTH=2

5.0 Catalog Source Code

Run a batch job to catalog (CATALL) all modules in the CAPPS or other named library. It is not necessary to catalog the Global Data Area. Standard parameters should be used for the compile.

After all objects are compiled, the CAPPS application will run under standard parameters.

6.0 Post-Predict Data Conversion

Conversion Program CAPULIFE was cataloged in step 5.0. Run conversion program CAPULIFE and validate, that this update job had a good run conclusion by checking out the JES listing. The message “*** CAPPS FEGLI FIELD VALUE UPDATE COMPLETE ***” will be displayed as well as “NATURAL SESSION TERMINATED NORMALLY” message.

7.0 Perform Release-Specific Procedures

The following sections are Release-Specific Installation Procedures needed for this release.

7.1 Update BJS JCL

Not applicable with this release.

7.2 Update Release Number

Update the CAPPS release number. This number is maintained in SYSTABLES and is displayed on the CAPPS logo screen.

The following is a list of steps to update the CAPPS release number.

1. Execute program CAPP1525 from the Natural Command line.
2. Enter "04.01.01" when the program requests the release number.
3. Verify that the correct release number is displayed by viewing the CAPPS logo screen after logging on to CAPPS.

8.0 Local JCL Mods

Increase TX file length from 1817 to 1818
Increase STS file length from 2971 to 2972

9.0 Installation Checklist

- | | |
|-----|-----------------------|
| 1.0 | Back Up Existing Data |
| 2.1 | Copy Source Code |
| 4.0 | Install Predict |
| 5.0 | Catalog Source Code |
| 7.2 | Update Release Number |